

Note-Taking API

MongoDB Setup

Make sure you have MongoDB installed and running locally. The API is configured to connect to a MongoDB database named `note-api`. Adjust the connection URL in `app.js` if needed.

REST API

A note object has the following structure:

```
{
  "_id": "60b2f3533a1b760d5817ad10",
  "title": "Sample Note",
  "content": "This is a sample note content.",
  "createdAt": "2022-05-29T12:34:59.000Z",
  "updatedAt": "2022-05-29T12:34:59.000Z"
}
```

List All Notes

GET /notes/all

Returns a list of all notes.

Returns:

Array of note objects

Retrieve a Single Note

GET /notes/:id

Returns a single note based on its ID.

Args:

- `id: string` (Note ID)

Returns:

Note object

Add a New Note

POST /notes/add

Adds a new note.

Args:

- `title: string` (Title of the note)
- `content: string` (Content of the note)

Returns:

Note object

Update a Note

PUT /notes/update/:id

Updates an existing note.

Args:

- `id: string` (Note ID)
- `title: string` (Updated title, optional)
- `content: string` (Updated content, optional)

Returns:

Updated note object

Delete a Note

DELETE /notes/delete/:id

Deletes a note based on its ID.

Args:

- `id: string` (Note ID)

Returns:

- `success: boolean` (True if deleted successfully, False otherwise)

Authentication

Basic authentication has been implemented to protect the endpoints. Include the `Authorization` header in user requests with the username and password to access the protected routes.

Testing

To run tests for the API, follow these steps:

1. Ensure that the server is not running.
2. Run the tests using the following command:

```
npm test
```